

ABSTRACT

By forming a fine and uniform film of lubricant on a molding portion, high density powder molding product can be obtained with stable.

A powder molding product may be formed by that a forming portion 1A in a mold body 2 is filled with a raw powder and upper and lower punches 3,4 are fitted into the forming portion 1A to form the powder molding product. Prior to filling with the raw powder M, aqueous solution L in which water soluble lubricant having at least 3g of solubility for 100 g of water is dissolved in water to uniform phase is applied to a mold portion 1A and then the aqueous solution L is evaporated, thus forming a crystallized layer B on the molding portion 1A by forming crystal. Thus, the fine and uniform layer B for lubrication is formed on the peripheral surface of the molding portion 1A, thereby enabling the reducing of a pressure required for ejecting the powder molding product A from the molding portion 1A as well as the improving of the density of the powder molding product A, and realizing the stable and successive molding.